M. A. R. 57 (Rule 116) No. E 681362

Measurement Book

Serial No. 4th and Final

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... N. M. Krishnamurthy.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work :- Comprehensive Development of Roads, Drains, Special Repairs to buildings & other works in Sunnadakoodu, Ambedkarnagar, Mohan Kumar, Poonapura, Rayanabheri, Old Jalahalli Haryjana, Siddikatthanagara, & Surrounding Area of Plums in R.R Nagar Constituency under PKR 2019-20 RRN-Div-(13)						
	Job Code :- 017-20-00009						
	AS :- EE/RRN/AS/217/2020-21						Dated:- 26/2/21
	TS :- CE/RRN/TS/618/2019-20						Dated:- 02/3/20
	WO/No:- EE/RRND/WO.No/000162/2020-21						
	Estd:- 1000.00 Lakhs.						

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MEASUREMENT BOOK

Date	Full description, etc., of work	Dimensions: Number	Length	Breadth	Depth	Contents		Reference to last Measurement	
1	2								
(1)	Geophysical investigation of ... for sinking borewell (CNO) above 125%	15.00	3806.00	12.00	45672	3.0	11418	150	57090.
		4.00	5806.68		0.00	4.0	15222.72	4.0	15222.72
(2)	Sinking borewell of 165mm dia i) 0 to 50M (Rwl) above 125%	750	350	600	210000	150	52500	750	262500.
		200	350.47		0.00	200.0	70094.00	200	70094
(3)	ii) 50 to 100M (Rwl) above 125%	750	446	600	267600	150	66900	750	334500
		200	446.42		0.0	200	89284	200	89284
(4)	iii) 100 to 150M (Rwl) above 125%	750	461	600	276600	150	69150	750	345750
		200	460.56		0	200	92112.	200	92112
(5)	iv) 150 to 200M (Rwl) above 125%	750	541	600	324600	150	81150	750	405750
		200	541.03		0.0	200	108272.	200	108272.

M. A. R. 57 (Rule 116)
Measurement Book
No. E 631363

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc., of work	Dimensions: Number	Length	Breadth	Depth	Contents		Reference to last Measurement	
1	2								
(4)	iv) 200 to 250 M (Rwl) above 125%	750	640	600	384000	150	96000	750	480000
		200	640.34		0.00	200	128068	200	128068
(5)	v) 250 to 300M (Rwl) above 125%	750	707	600	424200	150	106050	750	530250
		200	707		0.00	200	141400	200	141400.
(6)	vi) 300 to 350 (Rwl) above 125%	750	883	600	529800	150	132450	750	662250
		200	833.25		0.0	200	166650	200	166650
(7)	vii) 350 to 400 M (Rwl) Above 125%	750	909	600	545400	150	136350	750	681750
		200	909		0.0	200	181800	200	181800

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(10)	· 400 to 450m (Part)	300	1140	240	273600	60 68400	300 342000
	Above 125%	80	1140.3		0.00	80 91223	80 91223.3
(11)	250 mm Dia Pvc (Part)	180	2626	144	378144	36 94536	180 472680
	Above 125 % (Part)	48	2626		0	48 126048	48 126048
(12)	175 mm Nominal Bore (Part)	750	1338	600	802800	150 200700	750 1003500
	Above 125 % · (Part)	200	1338.2		0.0	200 267650	200 267650
(13)	175mm · N.S Collar NO	58	152	0	0	58 8816	58 8816
(14)	175 mm dia Bur Cap NO	15	101	12	1212	3 303	15 1515
(15)	Above 125% ·	4	101		0	4 404	4 404
	Atalanta Nagpur.	15	50455	12	605460	3 151365	15 756825
	Above 125% ·	4	50454.55		0.00	4 201818.2	4 201818

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

631364

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(16)	Fixing in Bunches glanced	5550	215	4440	1864600	1110 465650	5550 2303250
	Above 125% (Part)	1480	415.39		0.00	1480 614777.20	1480 614777.20
(17)	3 Cor flat Pvc sheathed	11250	138				
	Above 125% (Part)	3000	137.97	9000	1152000	2250 288000	11250 1440000
						3000 383910	3000 383910
(18)	50mm Nominal bore pipe	15	1359	12	163308	3 6077	15.0 20385.
	Above 125% · (Part)	4	1358.5		0.0	4 5436	4.0 5436.36
(19)	50mm GI Union.						
	Above 125% (Nos)	15.	226.00	12	27120.0	3 5434.36	4 5434.34
		4.	225.96		0	4 678	15.0 3390.0

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(20)	Sown GI Elbow (Nos)	15.	113.0	12.0	1356	3 339	15 1695.
	Above 125%	4.	113.9		0	4 45516	4 45168
(21)	Supplying and fixing Sow GI Nipple Above 125% (Nos)	15	105.	12.	1260	5 31500	15 1575.
		4.	105.34		0	4 4213.3	4 421.36.
(22)	GI Hose Collar (Nos)	930	104	744	77376	186 19344	930 96720
	Above 125% (Nos)	248	104.3		0	248 25799.4	248 25780.4
(23)	20"x20"x20" polished wood	15	305.0	12	3660	30 9150	15 45750
	Above 125% (Nos)	4.	305.02		0.0	4.0 1220.08	4 1220.08
(24)	Miniature Circuit breaker (Nos)	15.	1955.00	12	23460	3.0 58650	15. 29325.
	Above 125% (Nos)	4.	1955.36		0	4 7821.4	4 7826.4

M. A. R. 57 (Rule 116)
Measurement Book
No. E 631365

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(25)	TPST removable porcelain	15.	1818	12	21816.	3 5454	15 27270
	Above 125% (Nos)	4.	1818		0.	4 7272	4 7279.0
(26)	LED type panel board	15	434.	12.	5208	3 1302	15 6510
	Above 125% (Nos)	4.	434.3		0.0	4 1737	4. 1737.2
(27)	fully automatic Non Delta	15.	6464	12.	77568	3 19392	15. 96960
	Above 125% (Nos)	4.	6464		0.	4 25856	4 25856.
(28)	Testing single phase	15	752.	12	9024	3 2256.0	15 11280
	Above 125%	4.	752.45.		0.0	4 5008.8	4 5009.80

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(29)	for lighting/power circuit	300	45	240	10800	60 2700	300 13500
	Above 125% (Nos)	80	45.45		0.0	80 3636	80 3636.
(30)	Fixing & wiring heavy duty	60	4.04	48	9392	12 1848	60 242160
	Above 125% (Nos)	16	4.04		0.0	0.0 6464	16 6464.
(31)	Fixing, wiring, Earth plate	15	3030	12.0	36360	3 9090	15 45450
	Above 125% (Nos)	4	3029		0.0	4 12121880	4 12118.8
(32)	0.36 m wide cylinder tunnel	120.0	103.0	96	9888.0	24 2472	120 12360
	Above 125%	32.0	103.2		0.0	32 3296.64	32 3296.64
(33)	1.1 kV class LT Wh Cable	150	152	120	18240	30 4560	150 22800
	Above 125% (Nos)	40	151.50		0.0	40 6060	40 6060

M. A. R. 57 (Rule 116)
Measurement Book
No. E 631366

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(34)	Labour charg for 1.1 kV	375.	12	300	3600	75 900	375. 4500
	Above 125% (Nos)	100	12.		0.0	100 1200	100 1200.
(35)	GI pipe wall thickness	30	338	24	8112	6 2028	30.0 10140
	Above 125%	8	338.35		0	8 2706.8	8 2706.8
(36)	LT Cast iron pot packing	15	273.	12	3276.	3 818.00	15 4095.
	Above 125%	4.	272.		0	4 1090.8	4 1090.8
(37)	Porcelain fuse channel with	45.	229.	36	8244	9 2061	45. 10305
	Above 125%	12.	229.27		.0	12 2751.24	12 2751.24

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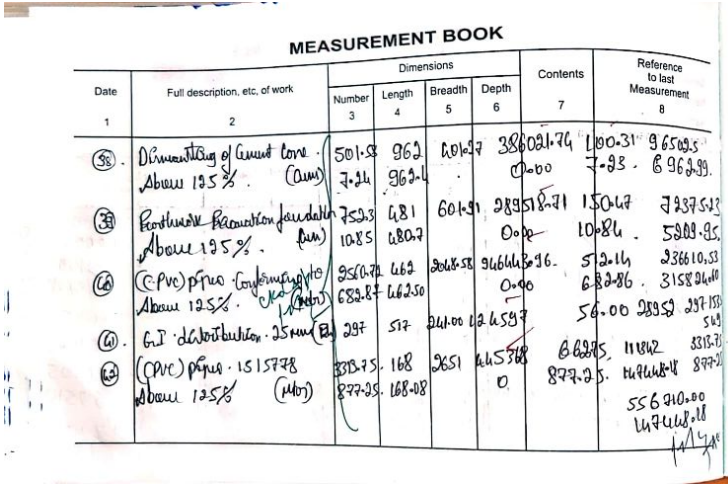

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(58)	Dismantling of Cement Core Above 125% (Cum)	501.58	962	401.27	386021.74	100.31	965095
		7.24	962.4		0.00	7.23	6962.99
(59)	Earthwork Excavation foundation Above 125% (Cum)	752.3	481	601.91	289518.71	150.47	72375.17
		10.85	480.7		0.00	10.84	5209.95
(60)	(C-PVC) pipes conforming to Above 125% (Mtr)	2560.72	462	2048.58	946446.96	512.14	236610.33
		682.87	462.50		0.00	682.86	315824.10
(61)	G.I distribution 25mm (Mtr)	297	517	241.00	123597	56.00	28952
(62)	(CPVC) pipes 1515778 Above 125% (Mtr)	333.75	168	265.1	445568	66275	11842
		877.25	168.08		0	877.25	147448.18
							556710.00
							147448.18

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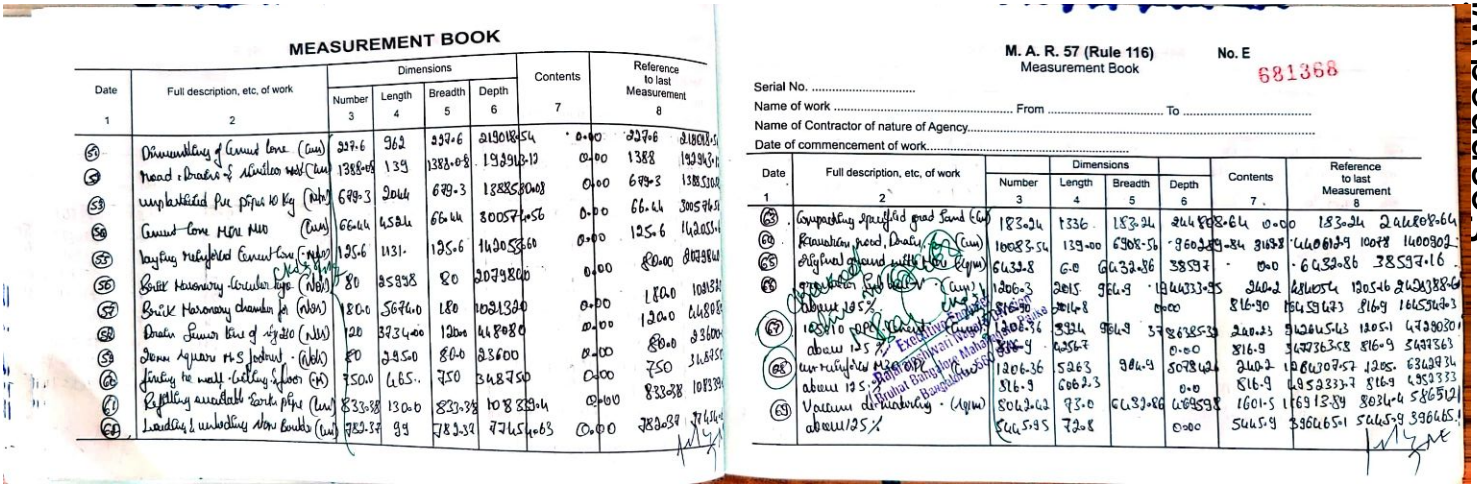
M. A. R. 57 (Rule 116) No. E 681367
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(63)	wall, Ceiling & floor plaster (cum)	4917.00	13.00	3.09	4250760	1815	250470.00
(64)	Refilling in Earth pipe line (Cum)	526.67	130	121.34	5774.20	1053	136390
	above 125%	146.22	129.5		0.00	146.2	18941.34
(65)	unloading of stone boulder (cum)	551.84	99	551.5	5760246		0.00
(66)	Brass gate valve with CP (Each)	15.0	1862	12.0	23316	3.0	5586
	above 125%	0.0	1861.7		0.00	0	744708
(67)	Brass stop cock of App (Each)	613.75	157.00	4.91	744141	122.75	18535.25
	above 125%	157.25	150.25		0.0	157.25	23736.58
(68)	Cement Core Mix 1:4:8 (Cum)	176.38	5162	0.00	000	176.38	963371.45
(69)	Indian Storage tank used (Ltr)	0.00			0.00		0.00



MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(51)	Dismantling of cement lime (cum)	227.6	962	227.6	219018.54	0.00	227.6
(52)	Road Brakes of similar work (cum)	1388.08	139	1388.08	192943.12	0.00	1388
(53)	unplasticized pvc pipes 10 kg (rmt)	698.3	2044	698.3	1428582.08	0.00	698.3
(54)	Cement lime Mor M10 (cum)	66.44	452.4	66.44	30057.456	0.00	66.44
(55)	laying reinforced Cement lime (rmt)	125.6	1131.	125.6	142058.60	0.00	125.6
(56)	Brick Masonary chamber type (m3)	80	2598.98	80	207980.00	0.00	80.00
(57)	Brick Masonary chamber in (m3)	180.0	5676.0	180	1021320	0.00	1800
(58)	Drain Sewer line of size (mm)	120	3734.00	1200	448080	0.00	1200
(59)	Drain square RCC footing (m3)	80	29.50	80.0	23600	0.00	80.0
(60)	finishing to wall ceiling & floor (m2)	750.0	465..	750	348750	0.00	750
(61)	Refilling excavated earth pits (cum)	833.38	130.0	833.38	108338.94	0.00	833.38
(62)	Loading & unloading stone boulder (cum)	783.37	99	783.37	77543.63	0.00	783.37

M. A. R. 57 (Rule 116)
Measurement Book
No. E 681368

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(63)	Excavating sand bed (cum)	183.24	1336	183.24	244888.64	0.00	183.24
(64)	Excavation road, Drain (cum)	1008.54	139.00	6908.56	960289.84	3488	1008.54
(65)	Filling and ground with Excav (cum)	6432.8	6.0	6432.86	38597	0.0	6432.86
(66)	protection work (cum)	1206.3	2015	7264.9	18443335	2442	1206.36
(67)	Above 125%	816.90	3014.8			0.00	816.90
	125%	1206.36	3334	984.9	37	8685.39	240.23
	above 125%	816.9	4356.7			0.00	816.9
(68)	earthwork excavation	1206.36	5263	984.9		5078424	240.2
	above 125%	816.9	6662.3			0.0	816.9
(69)	Vacuum dewatering (cum)	8043.42	93.0	6432.86	4689598	1601.5	1769.39
	above 125%	5445.95	72.8			0.00	5445.9

Executive Engineer
Mahatma Bahuttar Bangladesh

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(70)	Cement conc M10 mix (Cum)	358·7	6539	358·7	1621[illegible]6	0·00	358·7 [illegible]
(71)	Cement conc for pile M30 (Cum)	1355·3	7151	1355·39	9693394·7	0·00	1355·3 9693394·7
(72)	TMT /MS Bar reinforcement (Tons)	88·56	73050	88·56	6466986·3	0·00	88·56 6466986·3
(73)	Cover Slab 100mm thickness (Sqm)	2506·08	2337	2506·08	5852036·9	0·00	2506·08 5852036·9
(74)	Cover Slab 250mm thickness (Sqm)	702	5418	702	3803436·00	0·00	702·0 3803436·0
(75)	Finding leg press (Nos)	2·0	90900	2·0	181800	0·0	2·0 181800
(76)	Fin walker Double d (Nos)	3·0	151500	3·0	454500	0·0	3·0 454500
(77)	Pendulum Double d (Nos)	2·0	90900	2·0	181800	0·0	2·0 181800
(78)	Shoulder press Double (Nos)	2·0	181800	2·0	363600	0·0	2·0 363600
(79)	Cycle two way sqf M/c (Nos)	2·0	106050	2	212100	0·0	2·0 212100
(80)	Finding Calf Spinner Double (Nos)	3·0	90900	3·0	272700	0·0	3·0 272700
(81)	Finding three way sqf (Nos)	2·0	90900	2·0	181800	0·0	2·0 181800

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

681369

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(82)	Finding of chest press (Nos)	1·0	181800	1·0	181800	0·00	1·0 181800
(83)	Fin reverse of sqf Dbl (Nos)	3·0	363600	3·0	1878600	0·00	3·0 1878600
(84)	Fin reductor of sqf DBL (Nos)	1·0	151500	1·0	151500	0·00	1·0 151500
(85)	Step fin twisted sqf (Nos)	2·0	183150·0	2·0	3666300·0	0·0	2·0 3666300·0
(86)	Rolling Board Double (Nos)	2·0	145440	2·0	290880	0·0	2·0 290880.
(87)	Laying / finding Curved bar (Kgs)	557·6	13030	557·6	7266228·9	0·0	557·6 7266228·9
(88)	Providing & laying granite (Cum)	29·04	4920	29·04	142876·8	0·0	29·04 142876·800
(89)	P.C.C. with shuttering (Cum)	19·51	5870	19·51	114500·2	0·0	19·51 114500·2.
(90)	Laying/finding Curved bar (Kgs)	857·74	12630	857·74	10833264	0·00	857·7 10833264
(91)	finding pendant rolled bars (Nos)	130·0	354·0	130·0	46020	0·00	130·0 46020·0

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(92)	M.S Rectangular plate - (plate)	115.50	920.0	115.5	1062600	0.00	115.5 1062600
(93)	M.S Black pipe of 38mm pipe	210.0	437.0	210.0	91770.0	0.0	210.0 91770.0
(94)	providing chain link 50mm (4g)	196.0	765.0	196	149940.0	0.0	196 149940.0
	Total Amount	G.30, 24,506.28			2,09,48,290.88		8,89,729.56
	GST 12%	75,62,940.03			25,13,794.91		1007673.4
	Grand total	7,05,87,446.31			2,34,62,085.78		9404953.10

24/12/2021

24/12/2021

M. A. R. 57 (Rule 116) No. E

Measurement Book

681370

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	↳ @ Certificate.						
	(1) The above work has been completed satisfactorily.						
	(2) The Debris has been removed & disposed from the work spot						
	(3) No. Departmental issues are made for the Contractor						

24/12/2021

24/12/2021

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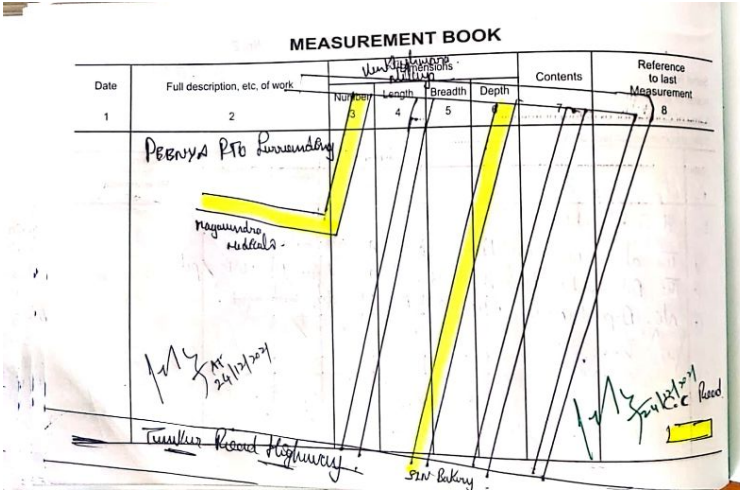


MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

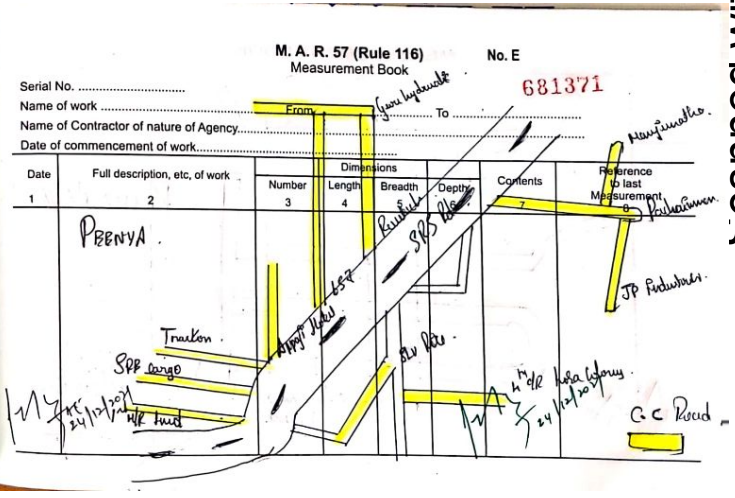
PEENYA RTO Surrounding

Nagasundra Hospitals

Tumkur Road Highway

SLN Bakery

C.C Road



M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

681371

PEENYA

Tractor

SPB Large

Appa Hotel

SLN Bakery

Manjunatha

Parthasarathy

JP Industries

C.C Road

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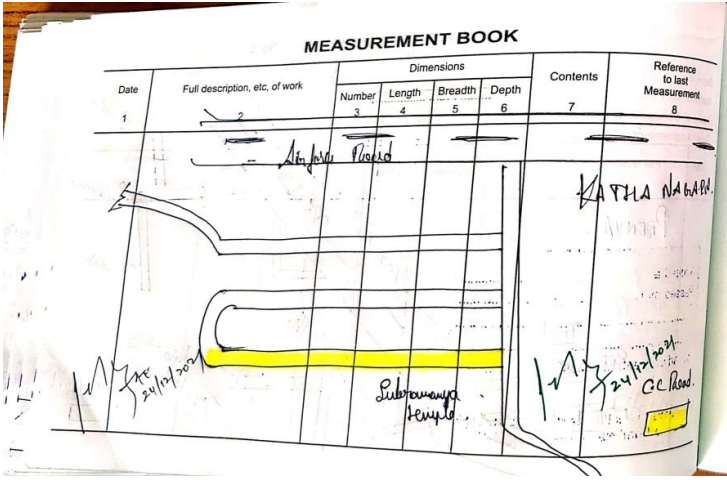


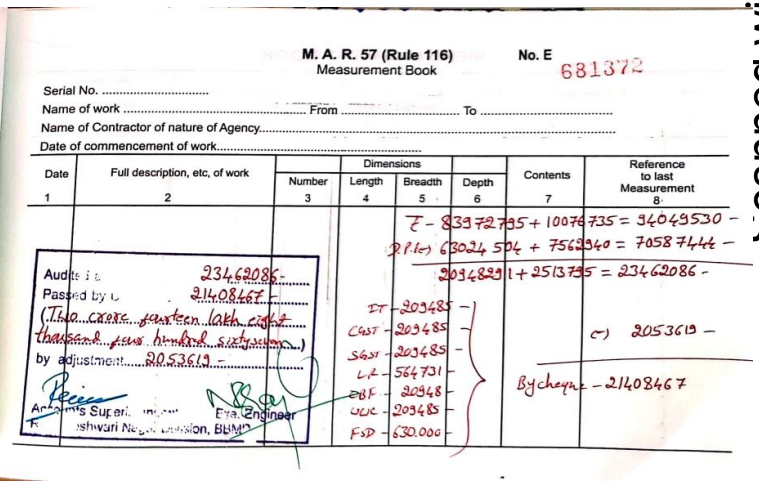
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Subramanya Temple

CC Road

KATHA NAMBER



M. A. R. 57 (Rule 116) **No. E** 681372

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							₹ - 83972795 + 10076735 = 94049530 -
							P.(c) 68024504 + 7562940 = 75587444 -
							2094829 1 + 2513795 = 23462086 -
	Audited for 23462086 -						
	Passed by C 21408467 -						
	(Two crore fourteen lakh eight thousand four hundred sixty seven)						
	by adjustment 2053619 -						(c) 2053619 -
					IT	- 203485 -	
					CGST	- 203485 -	
					SGST	- 203485 -	
					L.C	- 564731	By cheque - 21408467
					EBF	- 20348	
					UUC	- 203485	
					FSD	- 630.000	

Assistant's Superintendent — Executive Engineer

Kadeshwari Nagar Division, BBMP

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